# **Monthly Divisional Report**

New Jersey State Highway Department
December 1960

NJ HE 356 N5 M65 1960-12 C.1



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#### MONTHLY DIVISIONAL REPORT

Division: Accounting and Administrative Services

Bureau: Administration

#### CONTRACTS

Bids received on seven (7) projects and necessary reports and certificates of award prepared. Eight (8) contracts awarded; contracts prepared and forwarded for execution. Execution of six (6) contracts completed. Four (4) projects advertised for bids. Seventy-one (71) sets of plans and supplementary specifications distributed.

#### SCHEDULES OF APPROVALS

Three (3) Schedules prepared listing a total of two hundred seventy-two (272) items; which by a combination of items where possible represents action on three hundred seventy (370) individual items. Official copies of Schedules signed by the Commissioner, placed in Minute Book and indexed. Schedules of Approvals distributed in accordance with regulations and necessary letters concerning official actions written.

#### GENERAL

39 Standard Specifications issued

4 Deposits made for transmittal of income

1 Traffic Regulation certified to Division of Motor Vehicles

147 Property Agreements attested and processed

12 Agreements attested and processed

20 Municipal Aid contracts, applications, agreements, transfers, etc. certified

12 General Releases executed

4 Deed of Conveyances acknowledged and processed

2 Lease Agreements executed

2 Snow Removal Equipment Rental Agreements (1960-61) executed

2 Snow Removal Agreements (1960-61) executed

General correspondence, filing and answering telephone inquiries.

Receiving and reading bids at seven lettings.

Kenneth D. Rice Secretary

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#### MONTHLY DIVISIONAL REPORT

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Bureau: Office of Comptroller

Bureau of Auditing & Accounting

The Comptroller attended the American Association of State Highway Officials Conference in Detroit, Michigan, from November 27th through December 2nd.

He also attended Task force and other Departmental meetings.

The Highway Department Budget Request for the year 1961-1962 was presented to Budget Director Vermeulen and a hearing was held on December 28, 1960. ELIMINATE THE NEEDS OF A NIGHT OFERLYOR.

Approximately 3055 invoices were passed for payment covering materials, supplies, contractor's estimates, right of way invoices, etc. It is anticipated that snow removal operations during the month of December will be reflected in an increased volume of work this coming month.

Warrants were drawn for his County and Municipal Aid payments amounting to \$1,316,774.68; funds were certified on Contracts, Price Agreements, Transfer forms, etc.

In the Cost Accounting Section of the Bureau of Auditing & Accounting. the Stock Inventory Balance Forward System, as recommended by Peat, Marwick & Mitchell, is now in full operation. This is a process by IBM machine rather than the manual method previously used.

Preparations were made to begin the annual Store and Maintenance Foremen Tool inventories on January 3, 1961.

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#### MONTHLY DIVISIONAL REPORT

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES

Bureau: Office Services

#### OFFICE SERVICES

ALL PARTITION WORK FOR THE RELOCATION OF MAINTENANCE AND AUDITING AND ACCOUNTING OFFICES WAS COMPLETED. STAND-PIPES AND OTHER TELEPHONE SERVICES WERE INSTALLED.

Due to the difficulty in obtaining a night operator at the Newark office building for emergency snow work, a survey was made by a representative from the New Jersey Bell Telephone Company and it was agreed that the installation of a call director to be used in conjunction with night cords would eliminate the needs of a night operator. This system would work in conjunction with those offices working on snow removal work, such as Electrical, Maintenance and the Garage in our Newark office.

I WOULD LIKE TO GO ON RECORD AS STATING THAT THERE HAS BEEN REQUESTS FOR ENTIRELY TOO MUCH SUBSTITUTION OF OFFICE FURNITURE AND EQUIPMENT. IF THE DIVISIONS WOULD USE MORE FORESIGHT IN MAKING UP THEIR BUDGET REQUEST, I THINK THIS CONDITION COULD BE AVOIDED.

#### FILES AND RECORDS

WORK WAS COMPLETED IN UNWRAPPING OLD BRIDGE DIVISION MATERIAL WEEDING OUT THAT WHICH HAS BEEN AUTHORIZED FOR DESTRUCTION AND BOXING AND INDEXING THE REMAINDER FOR LOW COST STORAGE IN OUR RECORDS BUILDING.

REQUESTS AND AUTHORIZATION FOR RECORDS DISPOSAL FORMS WERE STARTED IN PREPARATION FOR THE NEW YEAR. UPON COMPLETION THESE WILL BE SUBMITTED TO THE STATE RECORDS COMMITTEE FOR APPROPRIATE ACTION AND THEM WORK WILL COMMENCE ON CLEARING FROM THE VARIOUS FILES IN THE BUILDING THOSE RECORDS SO AUTHORIZED FOR DESTRUCTION. THESE SCHEDULES WILL ALSO BE APPLICABLE TO ALL OUR DISTRICT OFFICES AND SHOULS ENABLE THEM TO ALLCLEAR FROM THEIR FILES MATERIAL NO LONGER REQUIRED TO BE KEPT.

#### MAILING SECTION

DURING THE MONTH THE TWO MOST NOTEWORTHY THINGS WERE LOSING ONE OF OUR MOST EXPERIENCED WORKERIN THE MAIL ROOM AND THE TROUBLE CAUSED BY ONE OF THE WORST SNOWSTORMS IN YEARS.

DESPITE THE FACT THAT THERE ISN'T MUCH ROAD BUILDING GOING ON DURING BAD WEATHER, WE STILL USED UP \$1600.00 WORTH OF POSTAGE, PROVIDING WE WEREN'T IDLE. WE ALSO FOLDED 5,000 THROW-AWAYS FOR THE BUREAU OF PUBLIC ROADS AND AT THE PRESENT TIME ARE ENGAGED IN MAKING BOOKLETS FOR THEM DURING OUR FEW SPARE MOMENTS BETWEEN MAIL DELIVERIES.

THERE WAS A NOTED INCREASE IN OUTGOING MAIL AND NEWS RELEASES FROM THE DIVISION OF RAILROAD TRANSPORTATION.

Division: Accounting and Administrative Services

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DUE TO THE DIFFICULTY IN OBTAINING A WIGHT OPERATOR AT THE NEWARK OFFICE BUILDING FOR EMERGENCY SNOW WORK, A SURVEY WAS MADE BY A REPRESENTATIVE FROM THE NEW JERSEY BELL TELPTONE COMPANY AND IT WAS AGREED THAT THE INSTALLATION OF A CALL DIRECTOR TO BE USED IN CONJUNCTION WITH NIGHT CORDS WOULD ELIMINATE THE NEEDS OF A NIGHT OPERATOR. THIS SYSTEM WOULD WORK IN CONJUNCTION WITH THOSE OFFICES WORKING ON SNOW REMOVAL WORK, SUCH AS ELECTRICAL, JAINTENANCE AND THE CARAGE IN OUR NEWARK OFFICE.

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#### MONTHLY DIVISIONAL REPORT

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES

Bureau: Office Services

#### MAILING SECTION CONTINUED

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#### DUPLICATING SECTION WERE SECRETARIAN SECTION WERE SECRETARIAN SECRETARIAN SECTION WERE SECRETARIAN SEC

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Division: Accounting and Administrative Services Bureau: Office Services

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#### MONTHLY DIVISIONAL REPORT

Month of DECEMBER 1960

Division:

Accounting and Administrative Services

Bureau: Purchase and Stores

The attivities in the Bureau of Purchase and Stores during the month of December, 1960, were pretty much of a routine nature, having received several Order Requests from the various Bureaus, prepared Detailed Applications covering the order requests and forwarding them to the Division of Purchase and Property. These applications covered considerable amount of material and equipment to be procured for the Highway Department.

An order was received from the Division of Purchase and Property for 1500 - 30" x 30" aluminum sign blanks to be erected on the highways at the approach to bridges advising the motoring public of the fact that the bridge may be slippery.

Approximately 15 salesmen representing numerous manufacturers and distributors were interviewed during the month and there were approximately 4 meetings having to do with various departmental matters.

Supervisor, Purchase and Stores

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# MONTHLY DIVISIONAL REPORT

Month of December 1960

Division:

Bridge

Bureau:

Bridges under Construction

	% COMPLETION
Rt. US1: Sec. 6A U.P. at Milltown Road, New Brunswick Twp., Middlesex C	100
Rt. US1&9: Sec. 1&2 Ramp Revisions, Pulaski Skyway, Jersey City, Hudson Co	. 100
Rt. 10: Sec.4B&5A Canoe Brook Bridge & Retain.Wall, Livingston Twp., Ess	sex Co. 16
Rt. 21: Sec. 10 lh Structures, Nutley & Clifton, Essex-Passaic Co.	82
Rt. US22, Sec. 13A 4, Sec. 2A	
US46, Sec. 15A 4 Pedestrian O.P., 2 Stairs, Boros of Mountainside, Paramus, Hasbrouck Heights, Union & Bergen Cos.	98
Rt. 28: Sec.1A&7A LVRR at Westfield Ave., Roselle Park, Union Co. Sec.3A&4A Brs. over Green Brook & Bound Brook, Somerset-Middlese	27(cor) ex Cos. 3
Rt.US30: Sec. 14A 2 Pedestrian O.P. at 16th St. & Rodman Ave., Camden & Pennsauken Twps., Camden Co.	98
Rt. 35: Sec. 2A Whale Creek Culvert, Lavalette Boro, Ocean Co. Sec. 6A&4A Culvert at Sta. 489+08, Eatontown, Monmouth Co.	55 98
Rt. US40: Sec. 2A Game Creek Bridge, Upper Penns Neck Twp., Salem Co.	1
Rt. 78: Sec. 2E 5 Structures, Bloomsbury, Beth. & Union Twps., Hunterdo Sec. 2F 2 0.P. at CRR & LVRR, Bloomsbury & Beth. Twps., Hunter	
Rt. 80: Sec. 2E 10 Bridges, Netcong & Roxbury, Morris Co. Sec. 2J 4 Structures, Denville Twp., Morris Co.	96 <b>1</b> 2
Rt. 82: Sec. 1A IVRR at Morris Ave., Union Twp., Union Co.	96
Rt. 95: Sec. 1D  2 O;P. at Broad Ave. & Grand Ave. and Flat Rock Brook, Englewood City & Leonia Twp., Bergen Co. Sec. 1E  U.P. at Edgewood Road, Leona & Fort Lee, Bergen Co.	) jiji

, , s in the second \* , , \* \* \* Heights, Union & Dergen Uns. LVAR at Wortfield Ave., Moselle Park, Union Co. 'edestrian C.P. at loth St. & Rodman ave., Comden & and makered amount markers on Whale Creek Culvert, Levalette Horo, Coesn Co. Sulvert at Ste. 189+38, sateriorm, Kommouth do. Same Creek Bridge, Upoer Penns Neck Two., Salem Co. Bloomsburg, Beth. & Union Twee, Bunterdon Co. a compared to the second of th · III \* · \*.... \* \* \* . ra · Division: Bridge

Bureau: Bridges under Construction

	% COMPLETION
Rts.129&29: Sec.1A & 8 Structures, Dwing & Hopewell Twps., Mercer Co. 15A	96
Rt. US130: Sec.7A&8B Three Bridges, Pennsauken & Cinnominson Twps., Camden & Burlington Cos. Sec.7B&10B Two Culvert Extensions at Coppick Brook & Tanners Run,	86
Twps. of Edgewater Park, Levittown, Burlington, Pennsauken, Burlington Ckty, Camden & Burlington Cos.	0
Rt. 169: Sec. 1 Three Bridges, Bayonne & Jersey City, Hudson Co.	95
Rt. 202: Sec. 8A Six Bridges, Raritan, Readington & Branchburg Twps., Hunterdon & Somerset Cos.	. 39
Rt. 208: Sec. 2A, 1A & 3B & Passaic Cos. Sec. 2C O.P. at NYS & WRR, Boro of Franklin Lakes, Bergen Co.	9 <b>9.</b> 5
Rt. 287: Sec. 1B 9 Bridges, Bridgewater Twp., Somerset Co. Sec.10&2B 7 Brs., Fanklin & Piscataway Twp., Somerset-Middlesex Cos. Sec. 2C 6 Structures, Piscataway Twp., S. Plainfield, Middlesex Co. Rt.	96 98•2 10
Rt. 295: Sec. 1C Sec. 1D 9 Structures, Deptford & Westville, Camden-Gloucester Cos. Ly Structures, Westville Boro, Camden-Gloucester Cos.	94 98•2
Rt. US322: Sec. 3A 3 Bridges, Folsom Boro & Hamilton Twp., Atlantic Co.	48
Redecking 4 Bridges: Rt. 36, Sec. 3A Shrewsbury Riv.Br., Highland Boro, Monmouth Co. Rt. 47, Sec.8A &9A Manantico Cr.Br., Millville, Cumberland Co. Rt. 49,Sec.3A&4A Alloways Cr.Br., Quinton Twp., Salem Co. Rt.130,Sec.1A&6A Big Timber Cr.Br., Westville, Camden-Gloucester Cos	95 1 99 100
Cape May County - Roosevelt Blvd.Br.over Crook Horn, Ocean City	3
Hudson County Palisades Ave. Br. over Ravine Rd., Jersey City	26

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#### 19 60 December

Division:

Bridge

MONTHLY DIVISIONAL REPORT

Bureau:

Design Section

Sheet 1 of 3

Rt. US1 Sec.

Underpass at Woodbridge Avenue:

Plans being prepared.

US1,9&46

Pedestrian Overpass at Washington Terrace:

Plans completed.

Rt. 3

Hackensack River Bridge (Redecking): Plans and specifications being prepared.

Rt. 3 Sec. 2

Hackensack River Bridge (Proposed):

Plans being prepared by Hardesty & Hanover.

Rt. 4

Pedestrian Bridge at Grand Avenue:

Plans being prepared.

Rt. 13

Lovelandtown Bridge Extension:

Plans complete. Awaiting roadway approach plans.

Rt. 17 Sec. 3A&LA Underpass at East Ridgewood Avenue: Plans and specifications complete.

Approved 12/9/60 by Bureau of Public Roads to advertise.

Rt. 18

S.B. Bridge over Raritan River Railroad:

Plans completed.

Rt.22 WB Sec.

Pedestrian O.P. (Vicinity of Phillipsburg High School):

Plans being prepared.

Rt. US22 Sec. 14B

Widening of Liberty Ave. & LVRR Bridges:

Plans and specifications approved 12/16/60 for submission

to Bureau of Public Roads for authority to advertise for bids.

Rt. US22 Sec. 10A

Underpass at Relocated Mountain Avenue:

Plans and specifications approved 12/13/60 by Bureau of Public

Roads to advertise for bids.

Rt. 23 Sec.

Bridge over Mill Brook:

Plans being prepared.

Rt. 27 Sec.

Culverts at Sta. 499+76 & 446+19:

Plans being prepared.

Rt. 27

Culvert at Sta. 295+06.50:

Plans being prepared.

Rt. 50 Sec.

Cedar Swamp Creek Bridge: Plans being prepared.

Rt. 34 Sec.

Howard Boulevard & DL&WRR Bridge: Plans being prepared.

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Assiting readway approach plans. rans and specifications complete. Approved 12/9/60 by Eurean of Pullic onto to the transfer \*\* :(Iconob de la companion de la \* or in the constant of the co Roads to advertise for bids. TOOM TOOM TOOM \* \*\*

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Division: Bridge

Bureau: Design Section

Sheet 2 of 3

Rt. 5h Culvert at Station 616+88:
Sec. 1A, 2A, 3A Bids received 12/22/60. Bancheri Constr. Co., low bidder. Awarded 12/28/60.

Rt. 78
Sec. 2G
Sec. 2G
Six Bridges:
Plans and specifications completed by Parsons, Brinckerhoff,
Quade & Douglas.

Rt. 78

24 Bridges - Annandale to Pluckemin:
Plans being prepared by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 78

18 Bridges - Pluckemin to Berkeley Heights:

Sec. 4 Plans being prepared by DeLeuw, Cather & Brill.

Rt. 80 Bergen-Passaic Expressway - Bridges:
Sec. 4 Plans being prepared by Fay, Spofford & Thorndike.

Rt. 80

Bergen-Passaic Expressway -Bridges:
Sec. 5

Plans being prepared by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 80
Sec. 5G
Hackensack River Bridge (Substructure):
Bids received 12/7/60.
Conduit & Foundation Corporation, low bidder.

Rt. 80-23 Interchange - 17 Structures:
Sec. Plans being prepared by Fay, Spofford & Thorndike.

Rt. 95-80 Interchange - 6 Structures:
Sec. Plans being prepared by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 95
Sec. 1G

Bergen-Passaic Expressway - 7 Structures:
Bids received 12/15/60.

Awarded 12/23/60 to George M. Brewster & Son, low bidder.

Rt. 95
Sec. 1H

Bergen-Passaic Expressway - Bridge over NRR of NJ & Concrete Flume:
Plans prepared by Parsons, Brinckerhoff, Quade & Douglas.
Approved 12/20/60 for submission to BPR for authority to advertise.

Rt. US130
Sec. 7B&10B

2 Culvert Extensions - Coppick Brook & Tanners Run:
Bids received 11/23/60.
Awarded 12/5/60 to Union Paving Company, low bidder.

Rt. US130 Underpass at Federal Street:
Sec. Plans completed.

Rt. US130
Sec. Rt. 206NB over US130SB and Rt. 206SB over US130NB:
Plans completed.

Rt. 168

Culvert at Station 112+50 - Black Horse Pike:
Plans complete except for quantities.

Rt. 208
Overpass at NYS&WRR:
Bids received 11/23/60. Awarded 12/8/60 to Glenwal Co., low bidder.

Rt. 208
Sec. 4 Six Structures:
Reviewing plans prepared by Goodkind & O'Dea.

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Sheet 2 of 3

Tt. The Orland at Marton 526+19: Teall, 24, 34 tills reasived in 22000. Beacher, Constr. Co., los tilrar, Arreded 12/250

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10. 1. 1 Part of Striping 112+10 - Black Porce Pilms.

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H. 100 Dir Structuras:

Division: Bridge

Design Section Bureau: Sheet 3 of 3

6 Structures - From Stelton Road to New Durham Road: Rt. 287 Plans and specifications prepared by Madigan-Hyland. Sec. 3A Approved 12/16/60 for submission to BPR for authority to advertise for bids.

Rt. 287 9 Structures (East of New Durham Road): Plans being revised by Madigan-Hyland. Sec. 3B

Rt. 287 5 Structures: Plans being prepared by Goodkind & O'Dea.

Rt. 287 Sec. 4A 6 Structures: Plans being prepared by Madigan-Hyland.

20 Structures - Rt. 202 to Rt. 78 Interchange: Rt. 287 Plans being prepared by Madigan-Hyland. Sec.

7 Structures: Reviewing plans prepared by Sherman, Taylor & Sleeper.

5 Structures: Rt. 295 Reviewing plans prepared by Sherman, Taylor & Sleeper.

### BRIDGES OFF STATE HIGHWAY SYSTEM:

# Hunterdon County:

Covered Bridge over Wickecheoke Creek, Sergeantsville: Plans and specifications completed.

New Bridge over Wickecheoke Creek, Sergeantsville: Plans completed.

L. C. PETERSEN DIRECTOR & CHIEF BRIDGE ENGINEER

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# PERSONALIZATION PROPERTY OF TENETIES

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D. D. PRITAGINA DVD COTOD C CALLE CALLES ACALERY Division: Maintenance and Operations

Bureau: Electrical Operations

#### OPERATION

31 movable bridges, full time; 7 on 24 hour notice.

#### MAINTENANCE

1,030 traffic signals, 5 lane control systems, 886 illuminated signs, 38 movable bridges, 237 mobile radio units, 10 base stations.

Replacement, equipment knocked down, 37 locations.

#### CONSTRUCTION BY BUREAU FORCES

4 new traffic signals; 1 completed, 3 partially complete.
13 traffic signal revisions; 6 completed, 4 traffic signals removed.

#### CONSTRUCTION BY CONTRACT

Highway lighting, Route I-287, Sections 1D and 2D, 0%. Highway lighting, Route I-295, Sections 1F and 2H, 97%.

### DESIGN BY BUREAU FORCES

Highway lighting, Route I-80, Howard Boulevard to Route 46, 5% complete.

Highway lighting, Scudders Falls Bridge Approach, 50% complete.

Highway lighting, Route I-295, Route 42 Freeway to Route US130, 50% complete.

Traffic signals 1 location, 100% complete.

2 field surveys and drawings for Bureau of Planning and Traffic.

Specifications prepared, FAS - 1, State Aid - 0.

Traffic signals and lighting, Route U.S.130, Sections 7D and 100, 100% complete.

# DESIGN BY CONSULTANTS

Highway lighting, Route I-287, River Road - Route U.S.1, 35% complete. Highway lighting, Route I-80 and I-85, Parkway to George Washington Bridge, 60% complete. Highway lighting, Route I-80, West of Parkway, 74.3% complete.

# INSPECTION

31 PUO relocations; 5 FAS projects; electrical work in 34 road construction projects. 2 prime electrical contracts.

#### NEGOTIATIONS

5 traffic signals under negotiations; 3 complete.
7 field inspections and contacts with local officials, 4 on traffic signals.

### CLAIMS

Payments received \$4,965.55.

Property damage claims set up, 10

Traffic signal cost-sharing claims set up, 0.

Work Orders issued resulting in claims, 25.

s continuity that country control when intermediated or any is moved.

equipment knocked down, 37 locabions.

#### WITH BUILDAND BY SORIS

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signals; 1 completed, 3 partially complete. ignal revisions; 6 completed, b traffic signals renoved.

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ting, Toure 1-295, House A2 Mucowny to House 1.150, 50% complete.

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Division: Maintenance and Operations

Bureau: Maintenance

#### CONSTRUCTION AND MAJOR MAINTENANCE PROJECTS

Completed miscellaneous construction projects totaling approximately \$6,200.00, including the closing of barrier curb on Route 46 at Hasbrouck Heights and drainage improvements on Route 23 in Pequannock Township, Morris County, and institutional construction projects totaling approximately \$14,800.00, including the reconstruction of Jenkins Road at Penn State Forest and the construction of a concrete slab at the State Police Headquarters at West Trenton. Due to the December 11-12 blizzard, the construction forces were enlisted to assist in snow removal and ice control operations.

#### SNOW REMOVAL

The blizzard of December 11-12 was one of the worst storms in the history of the department. The entire combined forces of the Maintenance and Equipment Bureaus were enlisted to combat the storm on a round the clock basis. In addition, our entire state-wide contractor forces were called out and, in many cases, extra heavy duty equipment was hired on the spot to assist in opening up areas that had been closed by drifting snow. Stalled vehicles were the primary cause of traffic tie-ups and made it practically impossible for our equipment to function properly. After the completion of our major operations we assisted various institutions, the State Police and some towns and cities which were in a state of emergency. Taking into consideration the intensity of the storm and other conditions with which we were confronted, such as stalled and abandoned vehicles, it is felt that our forces did a commendable job.

#### SIGNS AND LINES SECTION

Erected new type green directionary signs on Route 21, Terry Street and Rutgers Street, Belleville; all types of signs at the Maple Avenue Control on Route 73 at Maple Shade, and at the Routes 4 and 20 Control at Paterson, and temporary barricade signs on Route 78 at Bloomsbury. Removed signs from detour which was in use during the redecking of the Alloway Creek Bridge on Route 49 at Quinton. Erected Service Connection Notices and passed out Notices Prior to Reconstruction in connection with construction projects on Route 47 at Vineland, Route 54, Hammonton to Buena, and Route 130, Burlington to Airport Circle, Camden.

#### PERMITS SECTION

Total of 192 applications processed, including 124 for road openings, 29 for the erection of poles, 29 for entrances and 10 for miscellaneous projects.

#### LANDSCAPE SECTION

Collected and installed Christmas decorations in Highway Office Building and Cafeteria. Removed 59 large trees and trimmed numerous others throughout the State. Southern crew started large roadside clearance project along Route 4 Parkway adjacent to the new high school now under construction in Cape May Court House. Landscape forces were enlisted to assist in snow removal and ice control operations following December 11-12 blizzard.

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MONTHLY DIVISIONAL REPORT

Month of December 1960

Division: Maintenance and Operations

Bureau: Maintenance

#### INSPECTION OF COMPLETED CONSTRUCTION PROJECTS

Inspected five construction projects preliminary to acceptance by the Bureau, found four to be in satisfactory condition for acceptance (Route 10, Section 3A; Route 10, Section 4A-semi-final; Route 23, Section 1A and 2A, and Route 12, Section 1A) and one to be in need of corrective measures (Route 80, Section 4A). Reinspected five projects previously found to be in unsatisfactory condition for acceptance (Route 322, Section 1; Route 78, Section 2E; Route 130, Section 8A and 9A-semi-final; Route 78, Section 2H, and Route 1, 9 and 46, Section 1A) and found all to be in satisfactory condition for acceptance.

#### BRIDGE SECTION

Completed concrete repairs at Miry Run on Route 130 at Robbinsville, Main Street Overpass on Route 9 at Woodbridge, and Park Brook on Route 35 at Woodbridge. Department forces completed painting Doctors Brook Bridge on Route 156 at Crosswicks, Route 1 Overpass on Route 26 at New Brunswick, and the Calhoun Street Overpass on Route 29 at Trenton. Under its contracts for installing grid decks, the Hughes Steel Erection Company has completed approximately 98% of the work at the Shrewsbury River Bridge on Route 36 at Highlands and approximately 90% of the work at the Alloway Creek Bridge on Route 49 at Quinton.

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#### MONTHLY DIVISIONAL REPORT

Division: Maintenance & Operations of Plant & Equipment Bureau: 

#### NEW EQUIPMENT

The following new equipment was received during the month: 3, Blackhawk, 2 ton Hydraulic Truck Cranes; 1, Model 8 HY-1, Homelite Portable Generator and attachments; 10, Model 459A, Baker-Flink Medium Duty Reversible Snow Plows: 10. Model 454A, Baker-Flink Heavy Duty Reversible Snow Plows; 10, Model 712, Good Roads, Medium Duty Snow Plows; 25, Model 4U, Good Roads, Spreaders and safety seat assys; 3, Model F3-100, Poulan chain saws; 1, Model 2500, Amco, Wet & Dry Honing Machine.

#### SNOW SECTION

28 Department trucks were readied for ice and snow control; 12 contractor's sections were equipped for snow removal; 25 plows and 28 push frames were repaired and painted. Repaired 12 semi-circles, 25 trip spring assemblies, 55 hydraulic rams, 15 hydraulic pumps and 15 spreader gate adjusting bars. Fabricated 18 push bars: straightened 8 moldboards; repaired and straightened 18 axle clamps. Painted black safety stripes on 6 new spreader gates. Unloaded and numbered 2 shipments of snow plows. Repaired 35 trucks and plows. Made repairs to contractor's plows in various areas of the State.

# BUILDING MAINTENANCE SECTION

The Building Maintenance Section completed the following work throughout the State:

Fernwood Service Station

Repaired and overhauled front door of Bldg. #2; installed and wired new overhead door operator in front of Bldg. # 34; overhauled overhead door in Machine Shop; serviced overhead doors and operators in the following Bldgs .:-#1, #2, #7, #8, #17, #20, #21, #25 and #34. Installed new pressure control on boiler and heating unit in Bldg. #34. Repaired damage caused by snow plow to rear door of Bldg. #1. Replaced all steam traps on wall convectors and repaired all steam float traps on boiler unit in Bldg. #21. Installed small door for office entrance Bldg. #21. Repaired oil burner unit, serviced blower units and controls in Bldg. #33. Removed solid panels and replaced with glass in four doors in Bldg. #21. Installed storm windows in Stock Room, Bldg. #1. Replaced four windows, painted top of same with window frosting in First Aid Room, Bldg. #1. Painted passageway between Bldg. #17 and #20. Installed new boiler and controls in Bldg. #21 and also removed steam jenny and connected sign applicator with boiler unit. Replaced stack control on boilers in Bldg. #7 & #9.

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ent trucks were readied for ice and snow control; 12 contractor's rere equipped for snow removal; 25 plous and 28 push frames were ic rems, 15 hydraulic purps and 15 spreader gate adjusting bars.

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Fernwood	Service
Station	

Replaced bottom section of storm door in Bldg. #37. Installed 20 gallon hot water heater in Bldg. #2. Replaced 3 broken flexible expansion lines on heating system in Bldg. #1. Installed lights over Mechanic's benches in rear of Bldg. #7; installed spot lights in front of Welding Shop in Bldg. #1; maintained portable heater in Bldg. #21 until new heater was installed. Serviced and water treated the heaters in the following Bldgs.:- #1, #2, #3, #7, #9, #16, #18, #20, #21, #34 and #37.

Flemington Garage

Replaced oil burner motor; worked on rough plumbing for new Men's Room.

Avenel Garage

Repaired oil burner and blower unit.

Branchville Garage

Finished new office, gas house and stock room; installed air lines for new compressor.

Bloomsbury Office

Repaired and serviced water pump.

Bogota Office

Thaw and repair frozen water pipes.

Bridgeport Yard

Build steel top work bench, 8 ft. closet and bulletin

board; serviced burner unit and controls.

Hammonton Garage

Service burner unit and controls; build bench for radio

mechanic.

Merchantville

Garage

Completed stock room with shelves and racks; rebuilt

bottom section of overhead doors.

Newark Garage

Replace bottom section of overhead door.

Lodi Garage

Installed new bolts on blower unit; service burner and

controls.

Water treatment was applied in boilers at the following installations: Avenel, Metuchen and Sand Hill.

#### GENERAL REPAIR SHOPS

Safety lights, tail-lights and driving lights were repaired and/or installed on 57 pieces of equipment. The Carburetor and Ignition Shop completed 99 operations. The Car and Truck Shop completed 27 major and minor operations. The Mower, Carpenter and Tin Shops completed a total of 71 major and minor operations. The Inspection Shop was constantly busy with regular and special assignments. The Machine Shop completed a total of 180 major and minor operations. The following operations were completed on the road and in the shops: Equipment Operations, 77 major and minor repairs; Heavy Equipment Shop, 31 major and minor repairs; Diesel Shop, 48 major and minor repairs.

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Replace bottom section of overhead door.

rage Installed new bolts on blower unit; service burner and

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 Monthly Report

#### CLAIMS

A total of \$ 55.21 was collected during the month on insurance claims.

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#### MONTHLY DIVISIONAL REPORT

Division: Personnel

Bureau:

#### PLANT SECURITY

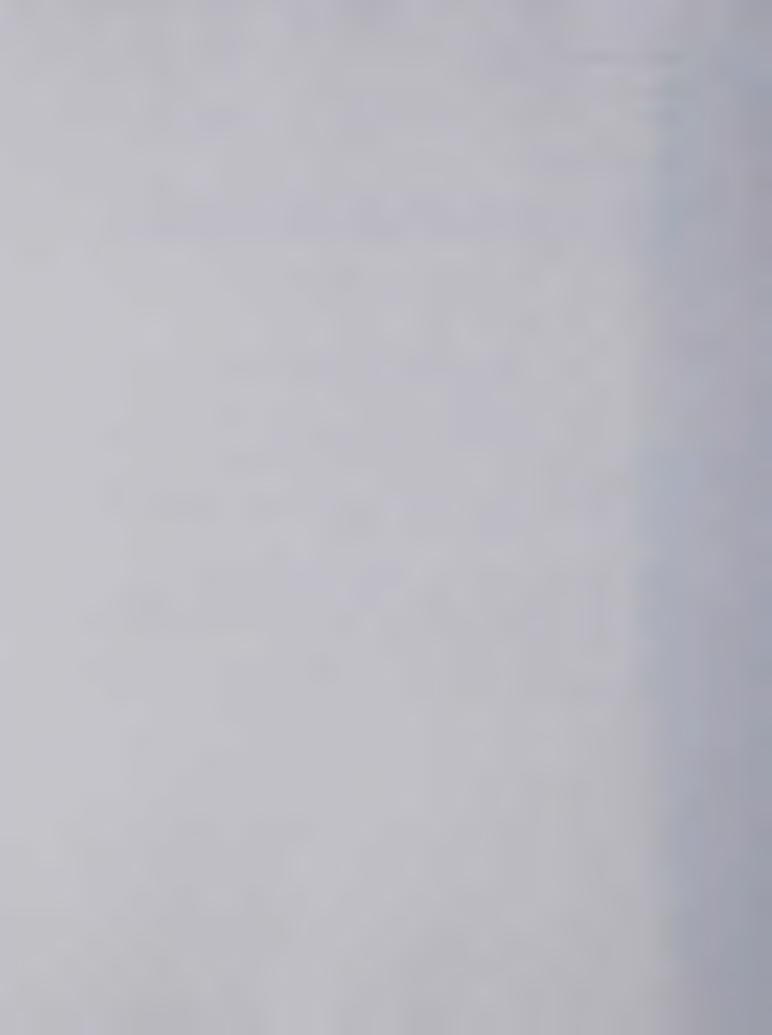
In order that we may have a more effective security program, the experience of the last two years indicates that a complete training program for the Guards should be instituted through which they would learn the arts of:

- 1. Properly directing traffic
- 2. Meeting people
- 3. Handling of emergency situations that may develop on the grounds or roadways
- 4. The general demeanor revolving around a good plant security officer and a representative of the Highway Department

To this end and through Commissioner Palmer's intercession the Office of the Attorney General has authorized the State Police to assist the Department in bringing about such a program.

Recently a sergeant from the State Police Department met with the Safety Supervisor to review our existing program and together made a tour of the grounds and property so that he may familiarize himself with our need. The meeting concluded with a tentative date for beginning the training program within the next 2 or 3 weeks.

Upon the completion of the program, the Plant Security Section should be a very good working unit.





# State of New Jersey

#### STATE HIGHWAY DEPARTMENT

DWIGHT R. G. PALMER, COMMISSIONER
TRENTON 25

Monthly Report
Division of Planning,
Research, Soils and
Tests.

January 3,1961

Commissioner Dwight R. G. Palmer:

Herewith are submitted the reports of this Division for the month of December 1960.

Planning & Traffic
Harry A. Hartmann
Assistant Supervising Engineer

Engineering Research William VanBreemen Research Engineer

Soils Keith Rosser, Jr., Assistant District Engineer

Testing Laboratory
J.C. Reed
Supervising Engineer

Howard N. Rigby

Director and Chief Engineer
Division Planning, Research, Soils & Tests



#### MONTHLY DIVISIONAL REPORT

Division: Planning, Research, Soils & Tests

Bureau: Planning & Traffic

## HIGHWAY USE SURVEY SECTION

#### Field

The regular programmed machine and manual counts were considerably disrupted this month because of heavy snow during the last half of the month.

## Office

The normal functions of processing and reviewing field counts have been resumed. It has been decided to delay the Traffic Volume Map until 1960 data are available.

## TRAFFIC DESIGN AND RESEARCH SECTION

During this period the major work items for this section were the review of cross-street volume estimates for the 104(b)5 study; the continuation of basic analytical research into traffic signal synchronization; and estimation of traffic volumes for several projects in the current construction program. Other items were the beginning of a study designed to investigate the rate of change of the 30th Peak Hour factor over long time periods; and a review of the lane lines on several projects.

# HIGHWAY TRAFFIC OPERATIONS SECTION

During this period the Highway Operations Section has received, investigated and processed requests for the installation, reramping, retiming and operation of traffic signals; has received and processed miscellaneous traffic investigations; has checked the timing and operations of signallized intersection.

# TRAFFIC SAFETY, CONTROL AND REGULATION SECTION

The assignments under way in this section consisted of radar speed meter surveys for speed zone studies; laying out and processing "no parking" regulations; making traffic investigations and parking studies; preparing and processing other traffic regulations and coordinating Departmental review of riparian rights.

# HIGHWAY PLANNING SURVEY SECTION

# Road Inventory

Field work has been suspended due to lack of personnel.

# Road Life Studies

Posting and coding of 1959 contracts has now been completed. Preparation of data for the 1960 S.M. Report is now under way.

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Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

# Mapping

The General Highway Series Maps are being revised and urban areas are being prepared by our drafting section. A revised set of Middlesex County is now ready for review by the Bureau of Public Roads.

# Auditing and Accounting

Field work for the 1959 Local Road Finance Report is now being compiled.

# PENN-JERSEY TRANSPORTATION STUDY

## Field Work

Three field offices are in operation in the New Jersey area. Home interviews are under way, supervised by two District Chiefs. The Truck and Taxi Survey is being conducted under the supervision of the third District Chief.

# Committee Meetings

Technical Committee Meeting - December 15, 1960 attended by Mr. Severns and Mr. Ehrenfeld of the N.J.S.H.D. and Mr. Schmitt of the B.P.R.

Minutes of this meeting have been forwarded to the Commissioner's office.

# Loadometer

Data turned in by the field parties have been coded, checked and punched. An I.B.M. program is being set up for the preparation of the tables.

# ADDITIONAL STUDIES

# Newark Transportation Study

A meeting was held in the offices of the New Jersey State Highway Department on December 21, 1960 to discuss the progress of the Newark Transportation Study. The meeting began with a review of the mass transit studies conducted to date, followed by a discussion of the various mass transit improvement schemes which are now under consideration. A copy of the minutes of this meeting has been forwarded to the Commissioner's office.

# Northeastern New Jersey Transportation Study

An agreement between all parties interested in the study, and the New Jersey State Highway Department has been prepared in rough form. The agreement covers supervision, procedures, and cost participation by the various agencies. The copy is being reviewed preparatory to presentation to the Bureau of Public Roads.

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## MONTHLY DIVISIONAL REPORT

Month of December

19 60

Division: Planning, Research, Soils, and Tests

Bureau: Engineering Research

## PAVEMENTS

In collaboration with Soils Bureau, made necessary studies and developed and submitted pavement recommendations for the following projects: (a) Route 35, Eatontown, widening and resurfacing, (b) Route 322, County Road 561 to Williamstown, dualization, (c) Route 22, Thompson Ave. to Washington St., jughandles and resurfacing, (d) Route 24, Millburn Ave. to Seven Bridge Road, widening and resurfacing, and (e) Junction of Haddonfield-Berlin Road and Route 41, widening and resurfacing.

Completed joint-faulting measurements in connection with plain concrete pavement on Route 22, between Clinton and Jugtown Mountain, and submitted report on same.

Prepared and submitted revised recommendation for resurfacing of plain concrete pavement on Route 22, between Clinton and Jugtown Mountain.

Inspected deteriorating sand-asphalt surfacing on Route 4, Englewood, and reported verbally on same.

As continuing study, took gauge-plug measurements at experimental joints on (a) Route 130, Bordentown, (b) Route 130, Hightstown, (c) Route 130, Deans, (d) Route 202, Three Bridges and (e) Route 42 Freeway.

# BRIDGES

Took measurements and submitted reports on bridges over (a) Shark River, Route 71, and (b) Raccoon Creek, Route 130. Also took measurements on Edison Bridge, and bridge over Cheesequake Creek, Route 35.

At request of Testing Laboratory, supervised removal of cores from new bridge over Great Egg Harbor River, Route 322.

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### MONTHLY DIVISIONAL REPORT

Month of December 1960

Division: Planning, Research, Soils & Tests

Bureau: Soils and Subdrainage

Due to the heavy snowfall and extremely cold weather encountered this month, combined with the reduced working time occasioned by the Christmas and New Year's holidays, there is little in the form of highlights to report this month. Construction for the most part reached a standstill as did subsurface investigations due to poor mobility and freezing of the wash water. The contractor on Route 95, Section 1A continued to place vertical sand drains. However, to date there are still only two driving rigs in operation. The hydraulic placement of materials was curtailed by the fact that the sand material being shipped from Wanaque to the sump froze in the box cars and could not readily be dumped. As a result of these conditions the contractor is steadily slipping behind schedule. The work should be approximately 30% complete and is actually less than 10% complete at this point.

The contractor continues to place underwater embankment on Route 295, Section 10. To date approximately 50,000 yards of material have been placed by this method.

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## MONTHLY DIVISIONAL REPORT

Month of December

19 60

Division:

Planning, Research, Soils & Tests

Bureau:

Testing and Materials

## MATERIALS' DEVELOPMENT

Wire Rope of three sizes and from four producers was submitted for test from the Maintenance Division. The Fernwood Machine Shop submitted three samples of steel bar stock for tensile tests. Four quarry samples were given complete quality tests. Plaques were made in the cement laboratory for the further test of protective membrane material. Marshall tests performed on materials for use on several projects. Laboratory cooperated with the American Bitumuls & Asphalt Company in the Marshall testing of materials submitted by that company.

# PERFORMANCE TESTING AND INSPECTION

As requested by the Purchase Bureau of the State Department of the Treasury, two reflectorized plates, representative of plates currently in use on State cars and trucks, are under Accelerated Weathering Test for 600 and 1200 hours to determine their durability with respect to deterioration and discoloration. The Sixth Monthly Evaluation of Experimental Traffic Paint Test Lines was made on Route U.S. 130, East of Robbinsville.

#### PERSONNEL

Two Assistant Engineers, Highway (Trainees) and one Personnel Technician, Engineer from the Department of Civil Service were given a Laboratory instructional course. Two Engineering Aides, II, were transferred from the Non-Bituminous Field Inspection Section to the Testing Section.

#### MEETINGS

A conference was held with the District Supervisors of the Non-Bituminous Field Inspection Section. Laboratory members met with representatives of two aggregate suppliers. Representative attended meeting at Rutgers University of the Committee planning the Fourth New Jersey Asphalt Paving Conference.

#### SAMPLES RECEIVED

During this month, 1352 samples were received for test as compared with 1565 samples received for the corresponding month of 1959.

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ending this month, 1352 samples were received for test as compared with 1505 and 150 received for the corresponding month of 1953.

## MONTHLY DIVISIONAL REPORT

Month of December 19 60

Division: RIGHT OF WAY ACQUISITION & TITLES

Bureau: Appraisals & Negotiations

The Division of Roads transmitted agreement forms covering 362 parcels, of which 31 were revisions.

# GENERAL PROPERTY PARCEL MAPS

7 General Property Parcel Maps were approved and negotiations authorized.

# APPRAISALS, NEGOTIATIONS, CONDEMNATIONS, ETC.

A total of 272 items were presented to the Commissioner for action, including:

186 Agreements

- 56 Condemnations
  - 6 Awards
  - 3 Appeals
  - 2 Judgments approved
- 2 Excess parcels sold at public auction
- 4 Deeds of Conveyance
- 1 Agreement rescinded. Easement not to be acquired
- 1 Demolition contract awarded
- 10 Invoices from N. J. P. L. approved and payment authorized
  - 1 Deed of Conveyance to Monroe Municipal Utilities authority executed

# APPRAISAL ORDERS APPROVED

76 Appraisal Orders were approved with outside fee appraisers for a total of \$29,795.

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#### MONTHLY DIVISIONAL REPORT

Division: Right of Way Acquisitions & Titles

Legal Bureau:

#### I. STATISTICAL

Papers drawn in December

## Condemnation

Complaints -18 Orders to Show Cause 18 Orders for Possession 2 Notices of Motion Orders of Continuance 5 Orders for Judgment and Appointing Commissioners 10 Orders Extending Time for Filing Reports of Commissioners Reports of Commissioners Orders Granting Compensation to Commissioners Orders of Dismissal Orders to Pay Condemnation Awards Into Court Petitions to Pay Condemnation Awards Into Court Notice of Appeal Judgment

Number of Deeds Approved Number of Titles Approved - 115

Court Appearances 40

#### II. GENERAL ACTIVITIES

Court appearances appointment of condemnation commissioners; various motions; hearings before condemnation commissioners; trials; preparation for court appearances; preparing legal briefs and memoranda; conferences in re same; conferences with various Deputy Attorneys General.

In 1959 we filed 168 condemnation complaints and in 1960 we filed 150. We had papers on at least 11 other cases waiting to be drawn but could not get these prepared because of our shortage of stenographic help.

In 1959 we had 469 court appearances and in 1960 we had 490, an increase of 21.

#### III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various

rt appoarament appointment of condenution commissioners verbras rethons; hearings before condenuation confirmioner midis; preparation for court appearances; preparation for court appearances; preparation for conferences in ressue; conferences with various Depart Attorneys General.

In 1959 we filled 168 condemnation complaints and in 1960 we filled 150. We had papers on at least 11 other cases writting to be drawn but could not get these prepared because of our shortage of stanogrammic help.

# III. INTERDEPARTMENTAL SERVICES (Cont'd.)

problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving, disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial preparation; brief writing and similar services.

## IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.

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#### MONTHLY DIVISIONAL REPORT

Month of December 19 60

Division: Right of Way Acquisition & Titles

Bureau: Title

## TITLE SEARCHING

87 searches and 106 continuation searches were completed throughout the State.

## TITLE EXAMINING

59 title searches were examined and Reports of Title prepared.

# LEGAL INSTRUMENTS

42 Legal instruments were prepared and forwarded to the owners or their attorneys for execution.

# CERTIFICATE OF TITLE

115 Certificates of Title were prepared and submitted to the Department of Law for approval.

# SETTLEMENTS

91 final settlements were made with property owners.

# CONDEMNATIONS

27 Title Memorandums were prepared and forwarded to the Department of Law. 92 condemnation notices were served.

# TITLE COMPANIES

51 deeds were delivered through the offices of title companies.

37 checks were delivered to title companies with instructions for settlement with the owners.

Title Officer

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#### MONTHLY DIVISIONAL REPORT

Division: Roads, Design and Construction

Bureau: Federal Aid Secondary

#### PLANS

Checking plans for the following projects:

Vine Street Bridge & Approaches, Cumberland County, S199(2) River Street, Bergen County, S200(2) Goose Neck Bridge, Monmouth County, S235(1)

### PREPARING SPECIFICATIONS

River Street, Bergen County, S200(2) Goose Neck Bridge, Monmouth County, S235(1)

#### PROJECTS ADVERTISED

None

#### BIDS RECRIVED

Arena Drive, Mercer County, \$130(6) Columbia Turnpike, Morris County, \$187(4)

#### CONTRACTS AWARDED

Arena Drive, Mercer County, S130(6) Columbia Turnpike, Morris County, S187(4)

#### PROJECTS ACCEPTED AS COMPLETE

Parkway Avenue, Mercer County, S93(4)
Morristown-Whippany Road, Morris County, S122(2)
Landis Avenue, Cumberland County, S242(1)

#### MISCELLANEOUS

Reviewing plans for proposed construction as requested by various Counties, checking As Built Plans for Final Payments, preparing Final Estimates, etc., on completed projects. Also preparing Final Vouchers on completed projects, making Final Inspections, etc.. Received Final Payment from Federal Government on F. A. S. Projects.

Him to display all as as from the little the form More and many many and A LO ATTOCK COMMENTS I I'dle grand areas parent account for your of formers of them. Counsy, S242(1) d by various Counties, - Final Matimates, etc., on completed projects, convert Processing most to \* \* \*

Division: Roads, Design & Construction

Bureau: Location & Design

## FEDERAL AID

Programming of U-95(46) - Item 240 - So. Main St. Interchange; P.S.& E. Approvals - Route 95, Sec. 1G, Fletcher Ave., Bergen Co.; I-178(20) Route U.S. 22 - Mountain Ave. Gr. Sep.Bound Brook; U-102(15) Rt. 17 - Midland Ave. No. to Ridgewood Ave.

## OFFICE ENGINEER

Processing Plans and Specifications for Rt. 4 (1953), Sec. 2A, Hackensack Ave Ramps; Rt.7 (1953), Sec. 1A, from Passaic River to Route 17; Rt. 7 (1953) Sec. 2A, Second River to Centre Street; Rt. 18 (1953), Sec. 1A, from N.J. Turnpike to Milltown Road; Rt. US 22 (1953) Sec. 13B, Meisal Ave. to Michigan Ave.; Rt. 27 (1953) Sec. 3A, Stillwell Rd. and Route 27, Drainage; Rt. US 46 (1953) Sec. 10A, Intersection Improvements Baldwin Road and Beverwyck Road; Rt. 50 (1953) Sec. 1A & 2A, Cedar Swamp Bridge Creek and Approaches; Rt. 80, Sec. 4G, Lakeview Ave. to McLean Blvd.; Rt. 80 Sec. 5N, from Rt. 17 to Green St.; Rts. US 130 and 206 (1953) Sec. 1A, Interchange at Bordentown; Rt. 208 (1953) Sec. 2B, from Colonial Rd. to Ramapo Valley Rd.; Rt. 287, Sec. 3A, Stelton Rd. to New Durham Rd.; Rt. 287, Sec. 3C, Whitman Ave. to Rt. US 1; Rt. 287, Sec. 12A & 13A, Intervale Rd. to Vreeland Ave.; Glassboro State College, Parking Area; Rutgers University, Parking and Service Area; Paterson State College, Contract No., Parking Area (completed - hold until funds are available from State Board of Education).

#### INTERSTATE

Rt. I-80, Sec. 1 - Columbia to Netcong. Studies of alignment continued andreport made; Rt. I-80, Sec. 2 - Remaining sections all under construction; I-80, Sec. 3 - Denville to Wayne, Final photogrammetry complete, alignment under design throughout; I-80-Sec. 4 - Wayne to Garden State Parkway - Interchange at Rt. 23 under design. Project plans for 1960-61 Program Item in Paterson submitted for pre-final review; I-80, Sec. 5 - Garden State Parkway to Geo. Washington Bridge - five contracts under construction. Next project to follow, Route 17 Interchange which is ready for final processing. Two additional projects west of Rt. 17 to be processed Feb. 15 and Mar. 15 respectively; Rt. I-95, Sec. 1 - Rt. I-80 to US 46 Ridgefield Park - contract plans for sand drain project started. To be ready about Apr. 1st; I-78, Sec. 5 - Berkeley Heights to Newark Airport - additional design studies made and submitted for approvals; I-287, Sec. 12 & 13 -Boonton (1960-61 Item) ROW plans and agreements completed, submitted to persons concerned. Contruction plans completed and submitted for final review; I-76- Pluckemin to Berkeley Heights - Project

sing Plans a d Spacifications for At. 4 (1963), Foc. 2A, rok Av. Armps; At.7: (1953), Sec. 1A, from Presente Airer 7: Et. 7 (1953) Sec. 21, Second Miver to Jenure Street;

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6 (1983) sec. 14, Interchange at sordentown; at. 205 (1982)
from Colonial Rd. to semano Villey Rd.; At. 207, sec. 36,
Rd. to sew Samham Rd.; At. 207, sec. 36, Whitham Ave. to
a; At. 237, Sec. 12a & 134, Intervale 83, to Vreeland ave.;
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# INTERSTATE (Con't.)

to be split into 7 construction contracts; Rt. 295 - Deepwater to Bridgeport - reviewed by Department and Bureau of Public Roads.

### MISCELLANEOUS

Route 24 Freeway - completion of ROW plans advancing. Further studies of interchanges underway; Route 3, Sec. 2 - Secaucus - Geometrics approved, all design plans underway. ROW plans in Secaucus nearing completion; Rt. 17, Section 7 - Linwood Ave. - 1960-61 Item - Geometric studies underway; Rt. 208, Sec. 1, Morlot Ave - 1960-61 Item - Studies 50% completed. Surveys underway; Rt. 208 - Sec. 4 - Colonial Rd. to Oakland - Revisions 80% complete. Plans to be in Trenton in two weeks.; Rt. US 1 Woodbridge Ave. Grade Separation - Preliminary ROW plans submitted by consultants.; Rt. 69-202 - Ringoes to Flemington - reviewed by Department prior to submission to Bureau of Public Roads; Rt. 18 - Milltown Rd. & Cranbury Turnpike - being reviewed by Departments.



Division:

# MONTHLY DIVISIONAL REPORT

Design & Construction

Bureau: Road Construction

Month of December

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				E COMPLET
DUTT	SECTION	LOCATION	c. 1st.60	Jan. 1st.6
1 & 9	6A & 7A	Tonnele Ave. Traffic Circle to Fairview Avenue	72%	68%
9	12A & 13A		8%	33%
10=	4B & 5A	Livingston Circle to Teed Road, Grading and Drainage	4%	7%
1.7	53 & 6A	Center Island Closing & Channelization, Borough of Ramse		95%
18	2	Clifton Avenue to New Jersey Turnpike	96%	97%
18	5	From 800° E. Spring Valley Road to Route U.S. 9	94%	99%
20	Li-A			
21		South Drive to Broadway, Paving and Bridges	86%	92%
21	1-B	Roosevelt Avenue to Highfield Lane	94%	94%
	1-C	From Highfield Lane to So. Parkway, Grading, Paving & Br		76%
28	1A 3: 7A	Colidge Place to Bridge St. R. d. Bridge Reconstruction	30%	30%
28	3A & 4A	From East St. to Lincoln Ave., Widening, Resurf. & Br.	1%	10%
29	15-A)	Wilburtha Road to Scudders Falls	- 1 -1	
129	1-A)	Delaware River Bridge to Scotch Road	76%	73%
35	2-1	Eisenhower Ave. to Curtis Point Drive, Paving & Grading	0 - 1	6%
35	6A & 4A	From 1500' No. of Eatontown Traffic Circle, Widening	82%	94%
40	2-A	From County Road 540 to Route 48, Dualization and Bridge		11%
69	5-A	From Back Brook to Rocktown, Pavement Widening & Resurf.		37%
73	2-4	So. Branch Pennsauken Creek to Route 38	80%	86%
78	2 <b>-</b> J	From C.R. of New Jersey to Mulhockaway Creek, Paving	2%	4%
78	5-C	Demolition of Buildings, Troy Village	6.%	20%
80	1B & 2L	Route U.S. 46 to Landing Road Interchange	0.7%	2%
80	2-3	Route U.S. 46 to Landing St. Bridge & Incidental Paving	95%	98%
80	2-4	Lending Road Interchange to Howard Blvd., Grading & Pavi		47%
80	2 <b>-</b> J	U.S. 46 to Route 53, Grading, Paving and Bridges	15%	23%
80	L-B	Slaughterdam Rd. to Chobot Lane - Demolition of Building		8%
80-S	1 &)	U.S. 130 to Browning Road and Route 80-S Interchange to		
295	2-G)	Copley Road	96%	96%
82	1-A	L. V.R.R. Bridge and Pavement Reconstruction	66%	65%
95	1-A	Teaneck Creek to Northern R.R. of New Jersey	4%	6%
77		From Teaneck R.R. to Teaneck Creek	478	60%
95 or	1-0		32%	45%
95	1-D	Overpass Bridges at Broad Avenue and Grand Avenue	JEB	0.32%
95	1-E	Teaneck Road to Route 4, Grading, Drainage and Bridge	58%	60%
130	7A & 8B	From Interchange at Route 73 Township of Pennsauken	82%	84%
169	1	Constable Hook to Point Breeze		
202	8-A	Dualization Sl. Br. Raritan River to Beechwood Drive	23%	23%
208	2-A Etc.	Interchanges Borough of Franklin Lakes	84%	90%
287	1-B	Interchange to Viaduct at Lehigh Valley Railroad	77%	78%
287	1C & 2B	Weston Canal Road to River Road Interchange	91%	94%
287	2-C	East of River Road to Stelton Road, Grading, Paving & Br	4%	8%
295	1-C	Browning Lane to Broadway, Grading, Paving & Bridges	76%	78%
295	1-D	Route 47 to Rt. U.S. 130, Grading, Paving and Bridges	93%	95%
322	3-A	From 8th Street to Weymouth Road, Dualization	12%	15%
1110	2-A	Clendenny Ave., to Danforth Avenue, Pavement Widening	30%	39%



### MONTHLY DIVISIONAL REPORT

Division:

Design & Construction

Bureau:

Road Construction

# CONTRACTS AWARDED IN DECEMBER

Route 208, (1953) Section 2-C - Bridge over N. Y. Susquehanna & Western Railroad. Awarded to The Glenwal Company, Inc. on December 8, 1960.

Route 130(1953) Sections 7B & 10B - Resurfacing, Intersection Improvements and Earrier Curb. Awarded to Union Paving Company on December 5, 1960.

Route 80, Section 5-J - Sand Drains and Incidental Work. Awarded to Geo. M. Brewster & Son, Inc. on December 8, 1960.

Route 51, Sections 1A, 2A & 3A - Paving, Drainage and Culvert. Awarded to Bancheri Construction Company, Inc. on December 28, 1960.

## CONTRACT ACCEPTED IN NOVEMBER

Route 18, Section 5 - Spring Valley Road to Route U.S. 9. Accepted November 22, 1960. BRIDGE ITEMS ONLY

# CONTRACTS ACCEPTED IN DECEMBER

Route 17, Section 3 - Century Road Underpass and Interchange and Island Closure. Accepted December 5, 1960.

Route 206, Section 22-A - from Lawnwood Avenue to Ryerson Avenue. Accepted December 5, 1960.

Route U.S. 1(1953) Section 1 - Brunswick Pike, Lake Drive to N. J. Motor Vehicle Inspection Station. Accepted December 16, 1960.

Route 29, Section 1 - Raven Rock to Byram, Grading and Paving. Accepted December 16., 1960.

Route U.S. 1, Section 1 - Brunswick Pike - Lake Drive to New Jersey Motor Vehicle Inspection Station. Accepted December 16, 1960.

Route 101, Section 2-C - From Howard Boulevard to Route 15. Accepted December 22, 1960.

Route 78, Sec. 2-H & Route 80, Sec. 2-K - Installation of Delineators. Accepted December 22, 1960.

Route 130, Sections 8A & 9A - From Cooperstown Road to Cinnaminson Avenue. Accepted December 28, 1960.

Route 80, Section 4-A - Bridge over Relocated Route 20, Passaic River and Slaughterdam. Accepted December 28, 1960. BRIDGE ITEMS ONLY.

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Form #AD-39

MONTHLY DIVISIONAL REPORT

Month of December

1960

Division:

Design & Construction

Bureau:

Road Construction

# GENERAL NOTES

As of January 1, 1961, there were 45 projects underway, valued at \$89,498,000. and being inspected by 154 men.

E. Y. Corson

Supervising Engineer, Bureau of Road Construction

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### MONTHLY DIVISIONAL REPORT

Division: State Aid

Bureau:

#### GENERAL:

Snow storm of December 11-12, 1960 virtually stopped State Aid work for the winter.

## COUNTIES:

County road departments engaged in snow clearance and essential maintenance and repair of roadway surface. Seven items requiring office processing were received: processing was completed during the period on eleven items.

#### MUNICIPALITIES:

Very little progress during the month on State Aid Construction and Maintenance projects.

All municipalities were notified of their 1961 Formula Allotments. Municipalities in Bergen and Mercer Counties have been advised of allotments from the Herrick Act Fund. One hundred eighty-one items requiring office processing were received: processing was completed during period on one hundred thirtynine.

# PERSONNEL:

Slack period being utilized by field personnel for vacation and XP time off. Other field personnel assigned to other divisions.

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little progress during the month on State Aid Construction and inintenance

l alities were nothized of their 1961 Formula Allotments. Municipalia Berren and Marc r Counties have been advised of allotm nts from the Trick Act Tund. One bundred eighty-one items requiring office processing received: processing was completed outling parion on one hundred todaytra

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